

CLIPPEDIMAGE= JP02001154498A
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TITLE: IMAGE FORMING DEVICE
PUBN-DATE: June 8, 2001
INVENTOR-INFORMATION:

NAME

COUNTRY

TAKEUCHI, AKIHIKO

N/A

INT-CL (IPC): G03G015/16

ABSTRACT:

PROBLEM TO BE SOLVED: To stabilize the driving torque of a transporting belt to lower level and to prevent the occurrence of an image defect, such as a color drift, by preventing the formation of tacky adhesive contaminants on the transporting material by a resin material subjected to resistance regulation by an ion conduction method.

SOLUTION: A transfer material transporting means is the transporting belt consisting of the resin material, such as PVdF, subjected to the resistance regulation by the ion conduction method. Abutment members, such as transfer means abutting on this transporting belt 1 are constituted as the rotatable abutment members, such as transfer rollers 3 (3a to 3d). The abutment members which abut on the rollers in a static state without turning in the abutment section are not disposed and further the contaminated toners on the transporting belt are electrostatically transferred to photosensitive drums 21 (21a to 21d) by impressing a cleaning bias to the transfer rollers 3, by which the electric field cleaning of the transporting belt is executed.

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